

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006452.D
 Acq On : 21 Jun 2019 05:46
 Operator : JU/SJ
 Sample : K3360-14
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Manual Integrations
 APPROVED

mohammad
 6/21/2019 10:00:29 PM

Quant Time: Jun 21 06:41:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	283339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1334147	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	812303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1821668	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1602757	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1494171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	22618	3.12	ng/uL	0.00
5) Phenol-d5	6.80	99	478796	15.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	318361	17.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	362521	16.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	339713	14.19	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	179359	16.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	200107	17.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	363671	16.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	385354	14.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1316240	18.49	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1509653	17.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	136596	11.23	ng/ul	0.00
57) Fluorene-d10	15.28	176	1138588	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	114581	9.94	ng/ul	0.00
70) Anthracene-d10	17.13	188	1711869	18.67	ng/ul	0.00
78) Pyrene-d10	19.44	212	1843057	19.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1547739	18.34	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	6.78	77	13298	1.091	ng/ul 91
6) Phenol	6.83	94	32961	1.133	ng/ul# 84
44) Dimethylphthalate	13.74	163	261605	3.986	ng/ul 99
49) Acenaphthene	14.35	153	101228	1.837	ng/ul 99
53) Dibenzofuran	14.68	168	82408	1.079	ng/ul 98
58) Fluorene	15.33	166	153632	2.489	ng/ul 99
69) Phenanthrene	17.08	178	2753711	27.407	ng/ul 100
71) Anthracene	17.17	178	387126	3.796	ng/ul 99
74) Carbazole	17.44	167	209768	2.383	ng/ul 100
76) Fluoranthene	19.11	202	4044641	37.352	ng/ul 98
79) Pyrene	19.47	202	3121878	28.609	ng/ul 99
82) Benzo(a)anthracene	21.24	228	1452961	13.263	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.17	149	92342	1.316	ng/ul 99
84) Chrysene	21.29	228	1542584	14.795	ng/ul 98
87) Benzo(b)fluoranthene	22.82	252	1580221	17.622	ng/ul 97
88) Benzo(k)fluoranthene	22.86	252	477421m	5.571	ng/ul
90) Benzo(a)pyrene	23.39	252	940837	10.942	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.72	276	543924	5.345	ng/ul 95
92) Dibenz(a,h)anthracene	25.72	278	145993	1.732	ng/ul# 80
93) Benzo(g,h,i)perylene	26.40	276	463842	5.412	ng/ul 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

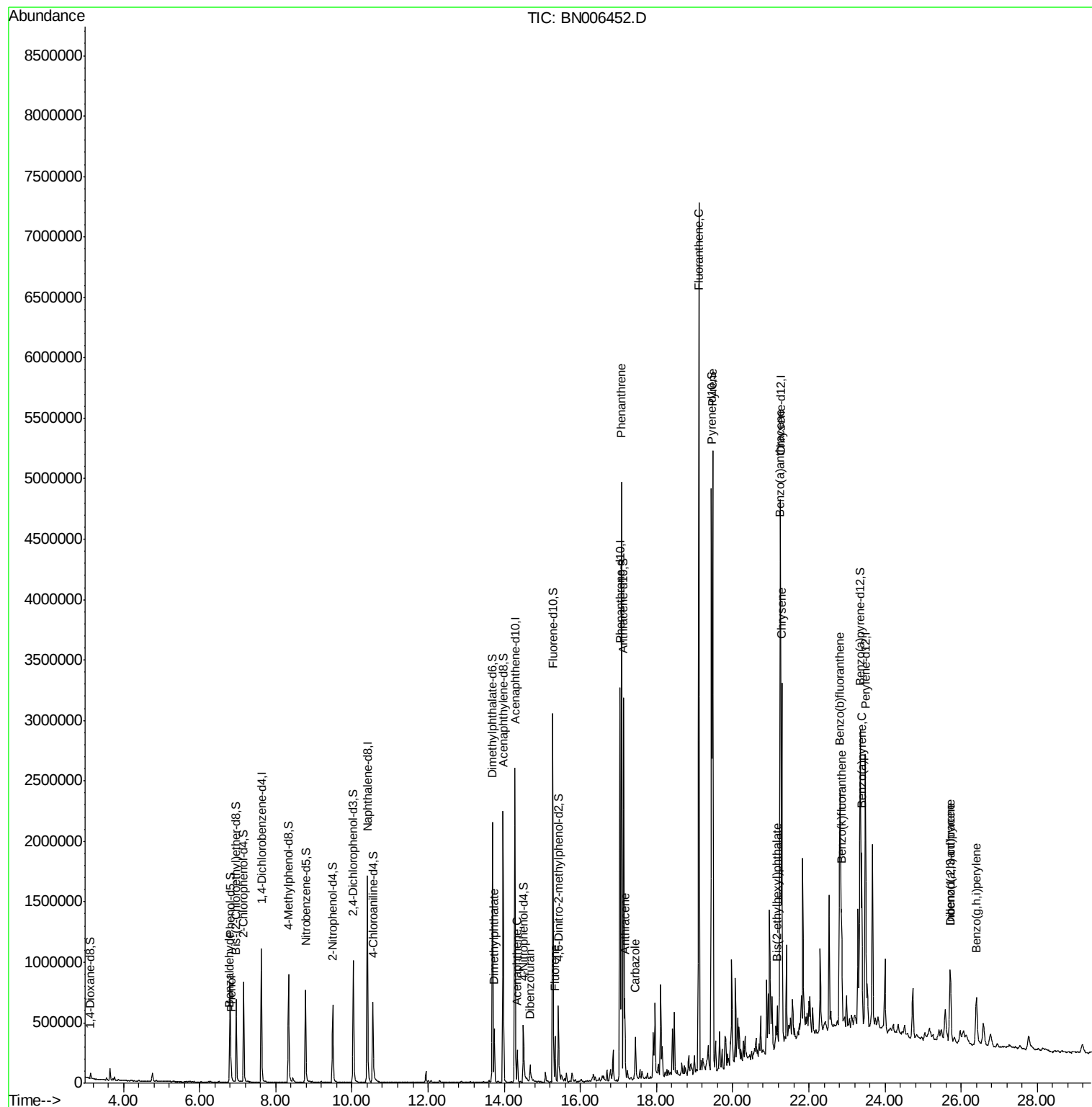
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006452.D
Acq On : 21 Jun 2019 05:46
Operator : JU/SJ
Sample : K3360-14
Misc :
ALS Vial : 57 Sample Multiplier: 1

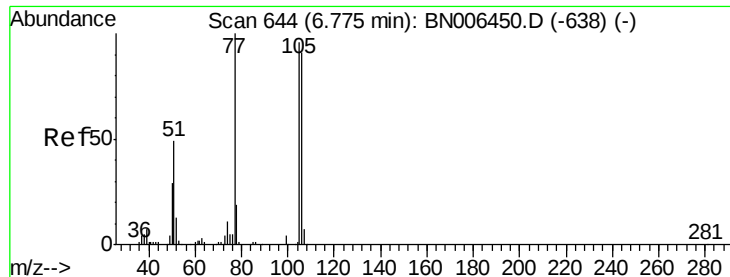
Instrument :
BNA_N
ClientSampleId :
A41T6

Quant Time: Jun 21 06:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.091 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.01 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

ClientSampleId :

A41T6

Tot Ion: 77 Resp: 13298

Ion Ratio Lower Upper

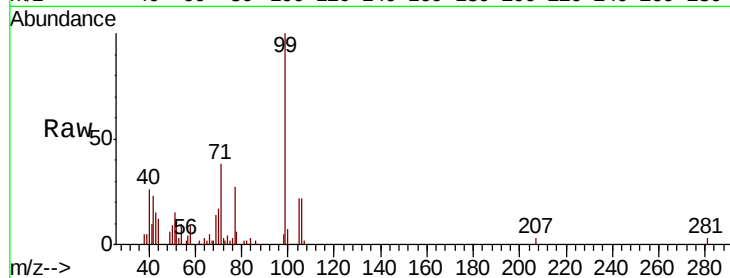
77 100

105 83.3 74.1 111.1

106 83.2 72.7 109.1

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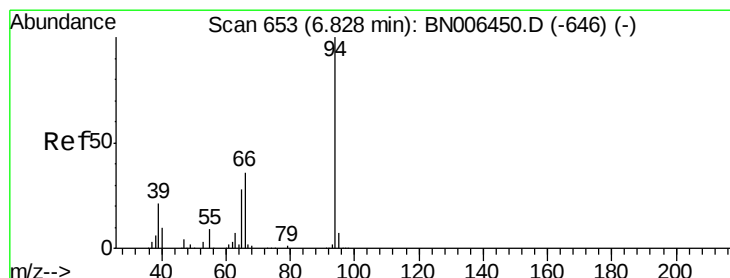
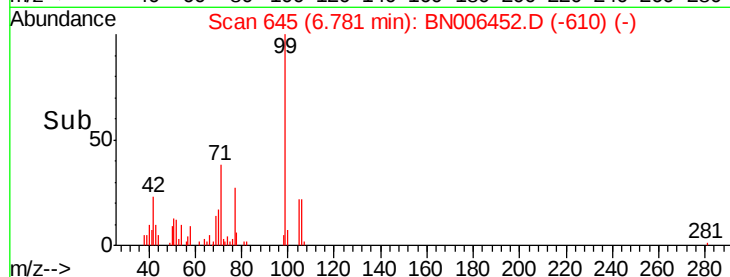
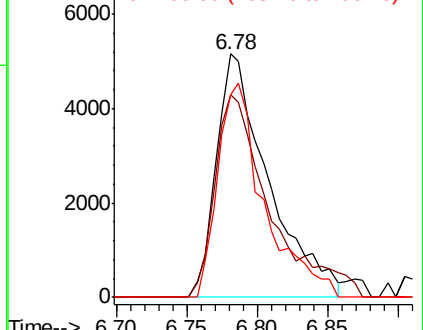
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Abundance Ion 77.00 (76.70 to 77.70): BN006450.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BN006450.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BN006450.D (-638) (-)



#6

Phenol

Concen: 1.133 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

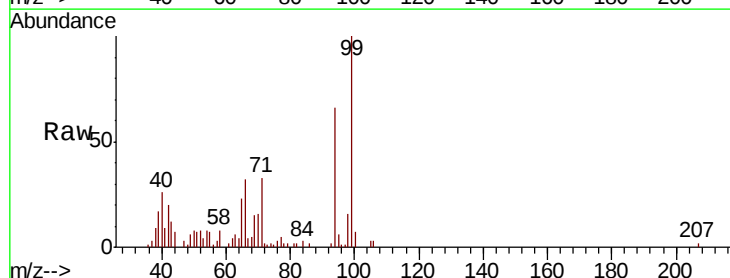
Tgt Ion: 94 Resp: 32961

Ion Ratio Lower Upper

94 100

65 33.9 22.5 33.7#

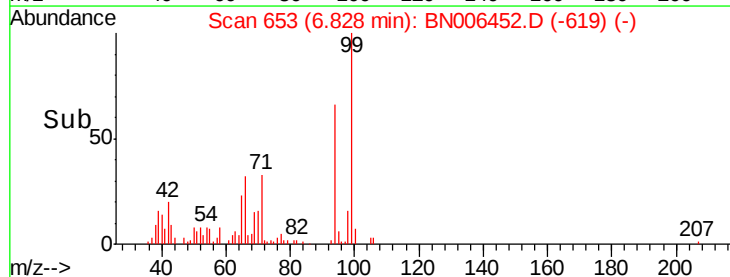
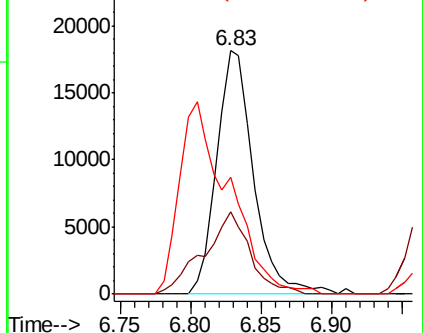
66 48.1 29.5 44.3#

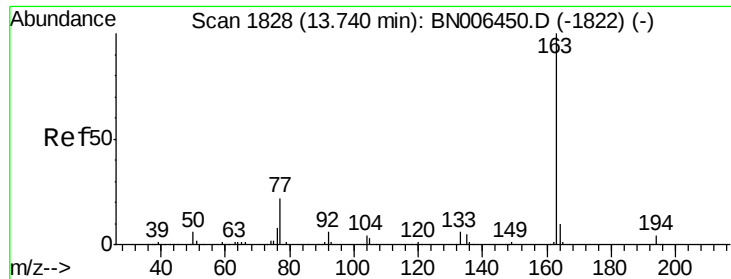


Abundance Ion 94.00 (93.70 to 94.70): BN006450.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BN006450.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BN006450.D (-646) (-)





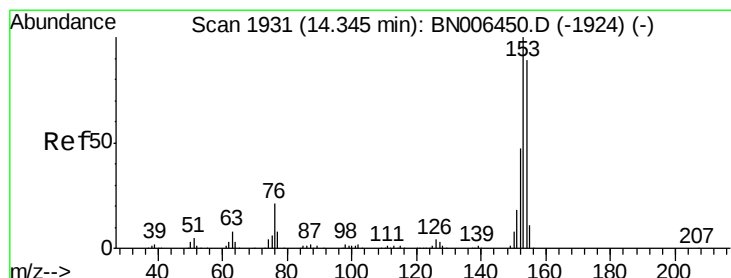
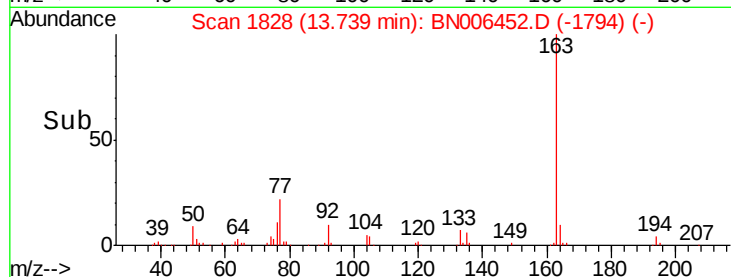
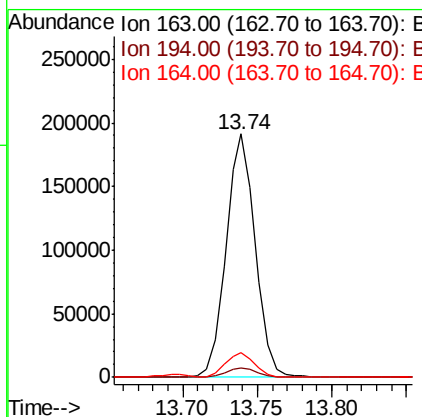
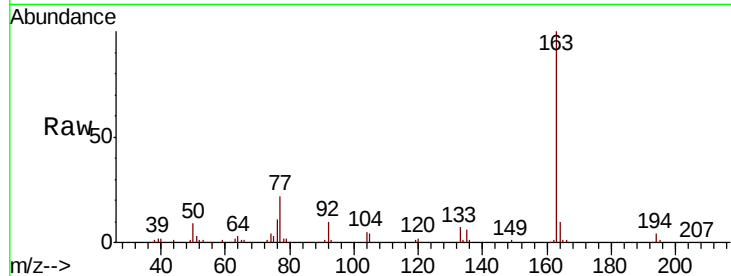
#44
Dimethylphthalate
Concen: 3.986 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Instrument :
BNA_N
ClientSampled :
A41T6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	261605		
194	4.0		3.4	5.0
164	10.3		8.0	12.0

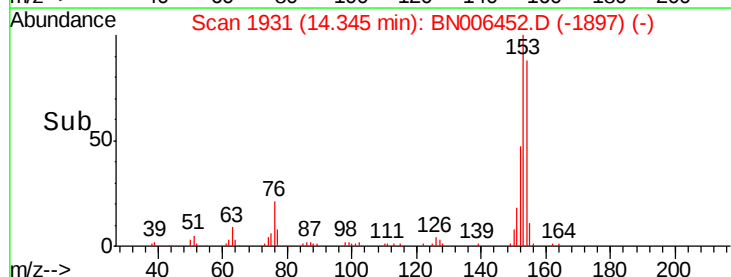
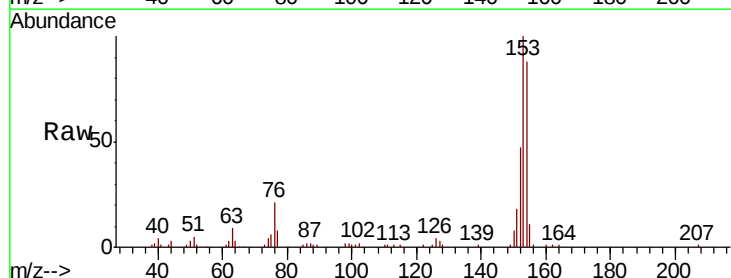
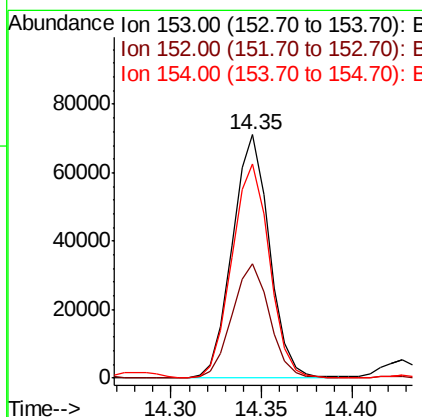
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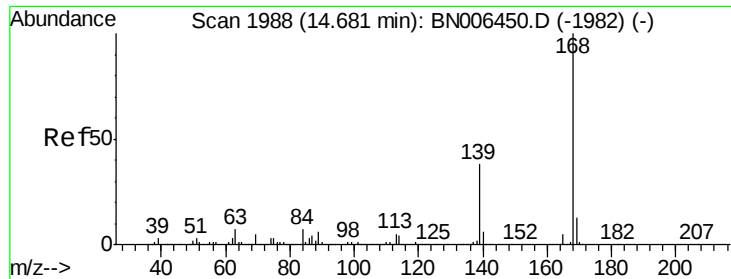
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#49
Acenaphthene
Concen: 1.837 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	101228		
152	47.0		37.8	56.6
154	88.2		71.2	106.8





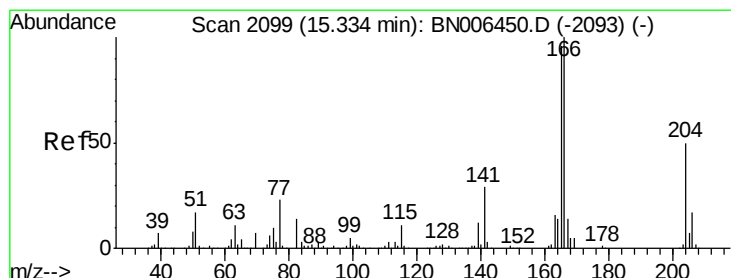
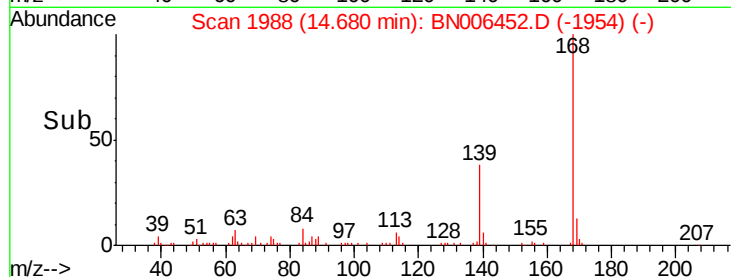
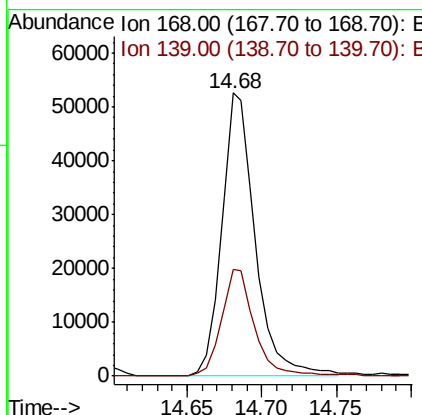
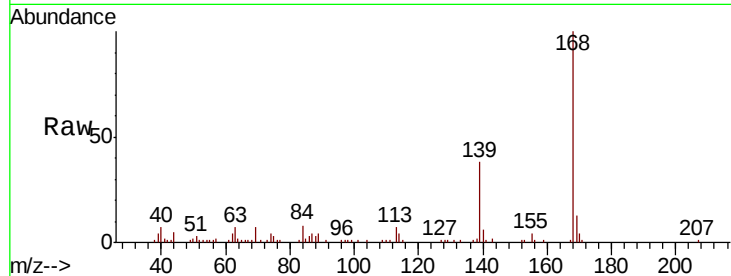
#53
Dibenzenofuran
Concen: 1.079 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Instrument :
BNA_N
ClientSampleId :
A41T6

Tot Ion:168 Resp: 82408
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0

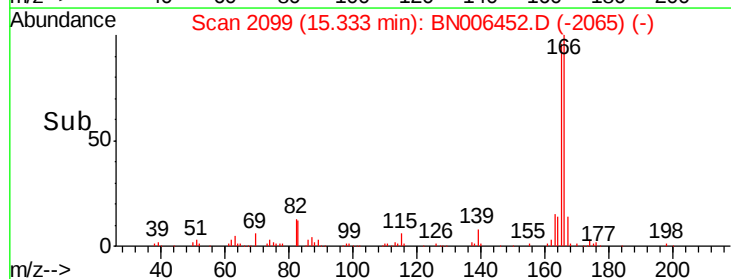
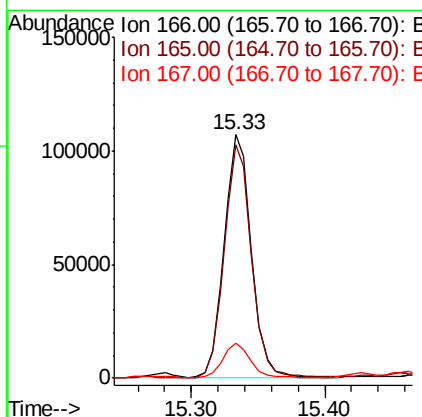
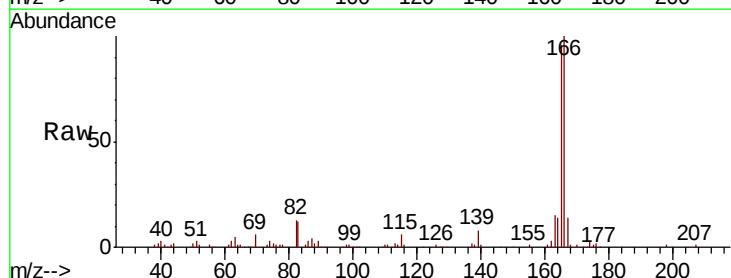
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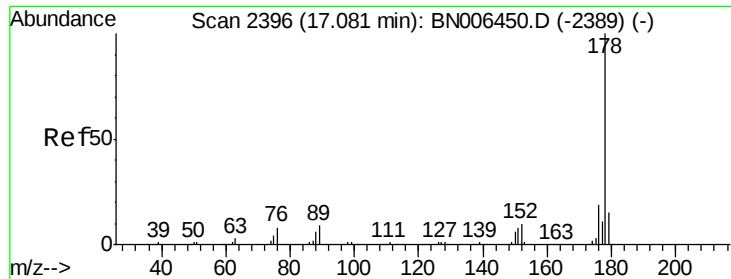
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#58
Fluorene
Concen: 2.489 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Tgt Ion:166 Resp: 153632
Ion Ratio Lower Upper
166 100
165 95.6 77.5 116.3
167 14.2 10.7 16.1





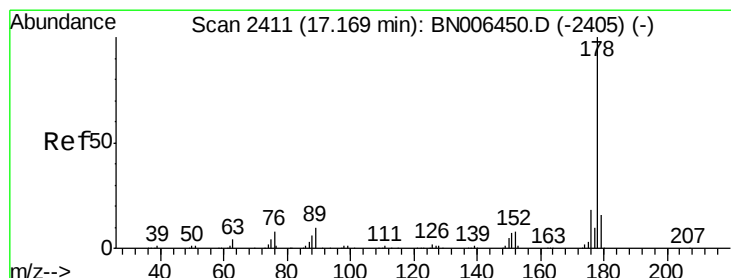
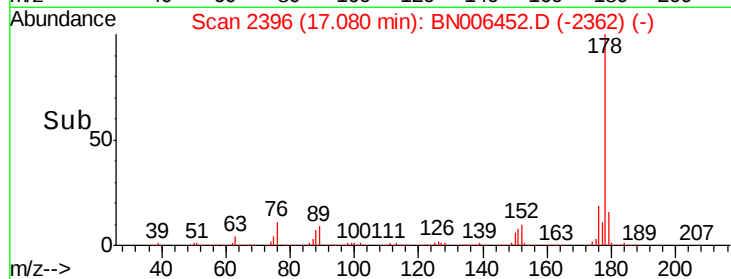
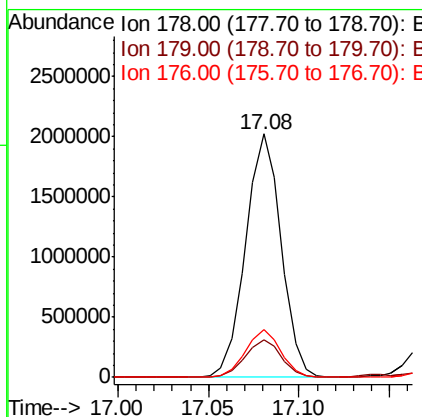
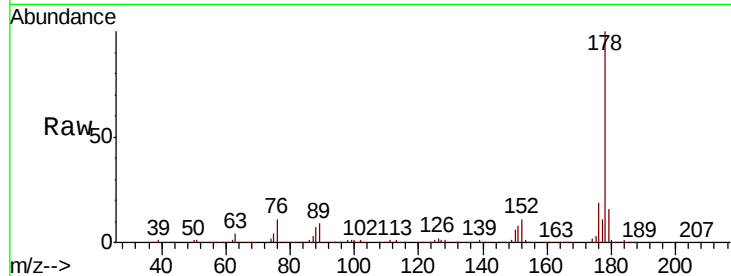
#69
Phenanthrene
Concen: 27.407 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Instrument :
BNA_N
ClientSampled :
A41T6

Tot Ion:178 Resp: 2753711
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.3 22.9

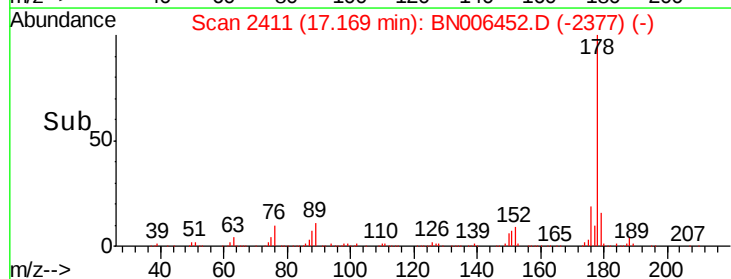
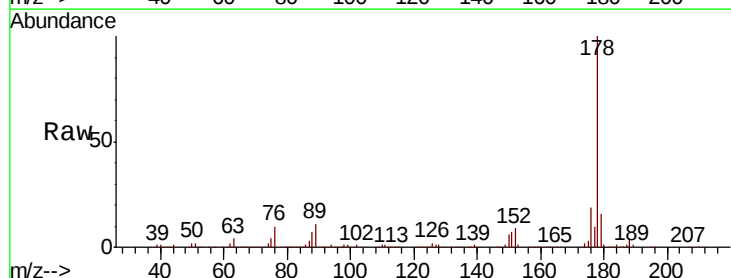
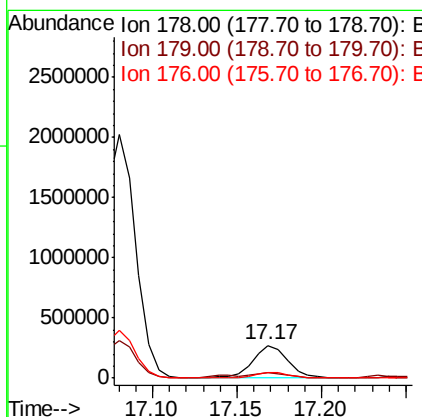
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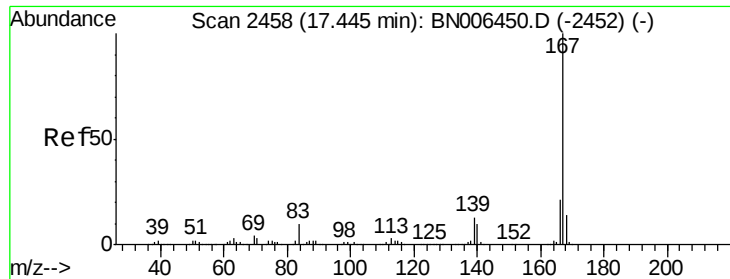
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#71
Anthracene
Concen: 3.796 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN006452.D
Acq: 21 Jun 2019 05:46

Tgt Ion:178 Resp: 387126
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.7 14.7 22.1





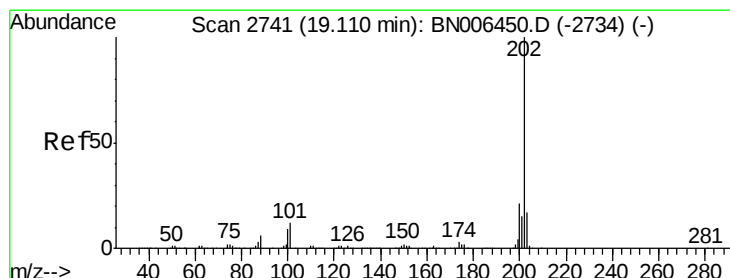
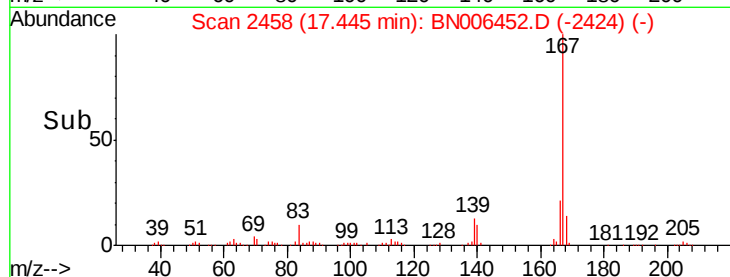
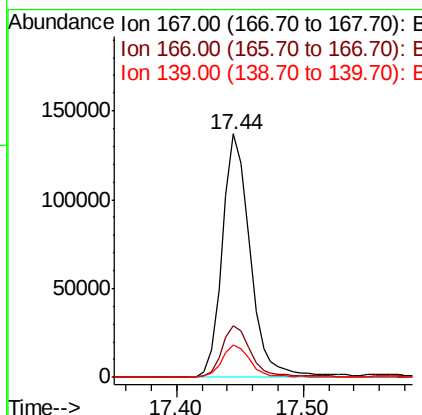
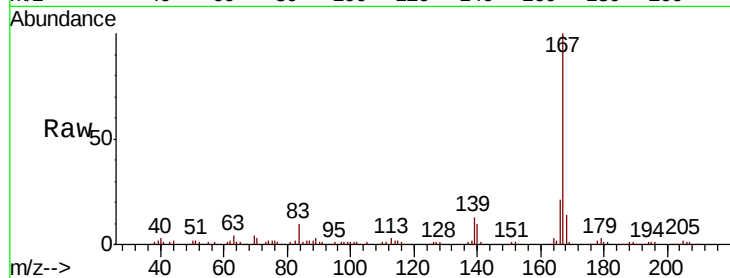
#74
 Carbazole
 Concen: 2.383 ng/ul
 RT: 17.44 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BN006452.D
 Acq: 21 Jun 2019 05:46

Instrument :
 BNA_N
 ClientSampleId :
 A41T6

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.3	10.5	15.7

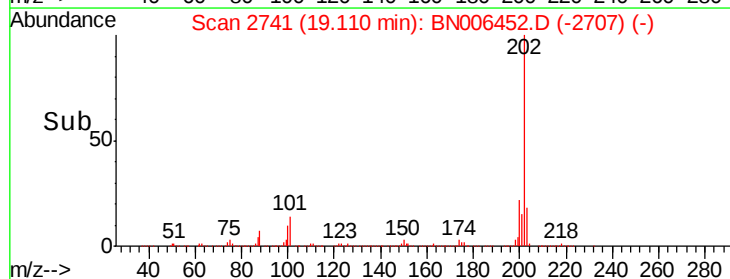
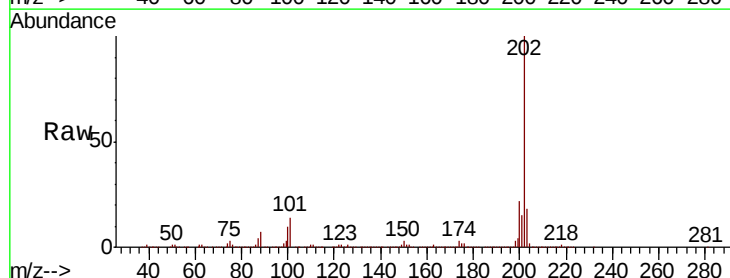
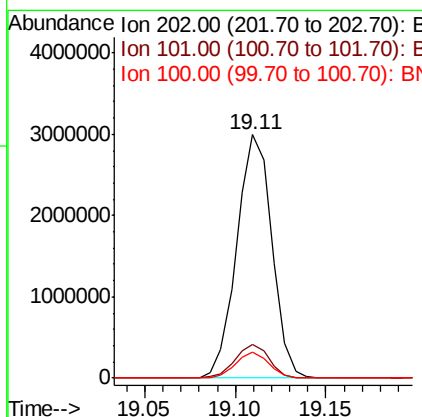
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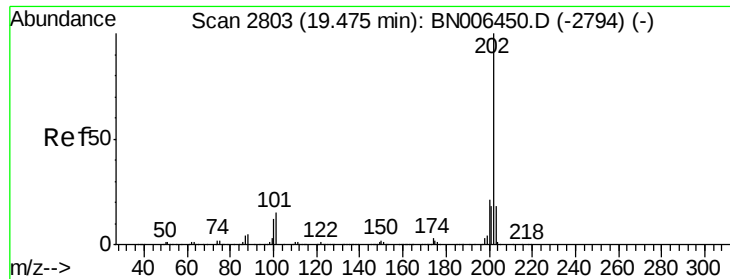
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#76
 Fluoranthene
 Concen: 37.352 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BN006452.D
 Acq: 21 Jun 2019 05:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.5	15.7
100	10.4	7.6	11.4





#79

Pvrene

Concen: 28.609 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

ClientSampled :

A41T6

Tot Ion:202 Resp: 3121878

Ion Ratio Lower Upper

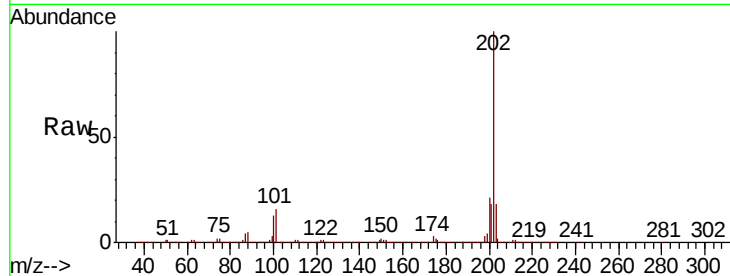
202 100

101 15.9 12.2 18.4

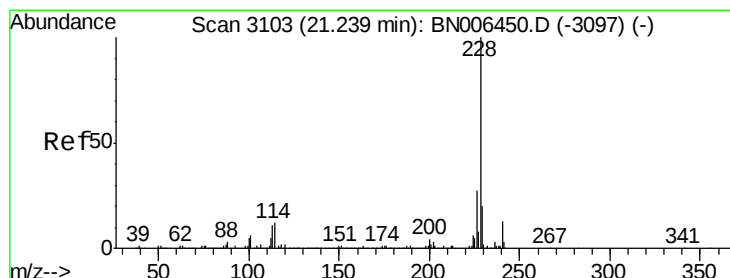
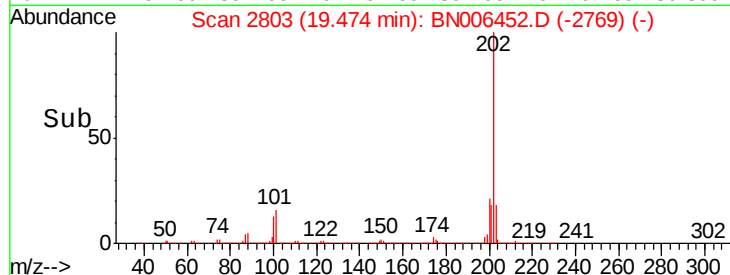
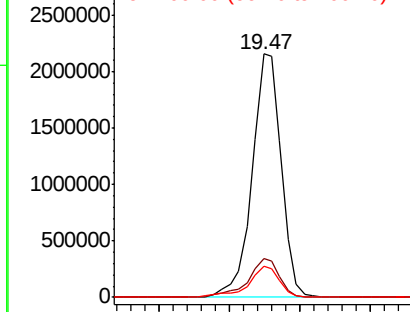
100 12.6 9.8 14.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 13.263 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

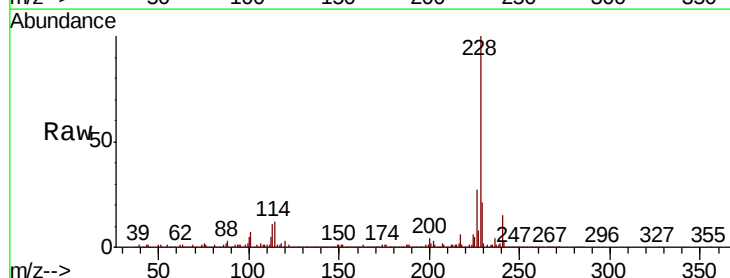
Tgt Ion:228 Resp: 1452961

Ion Ratio Lower Upper

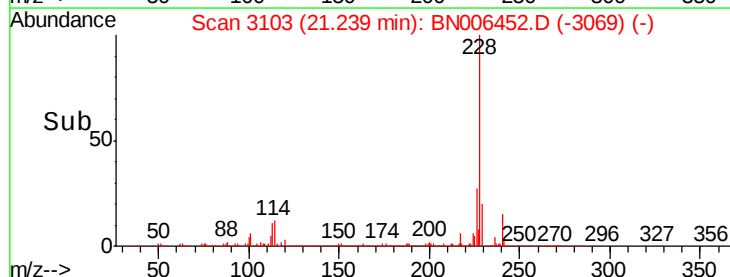
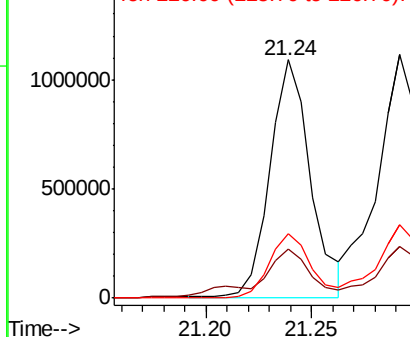
228 100

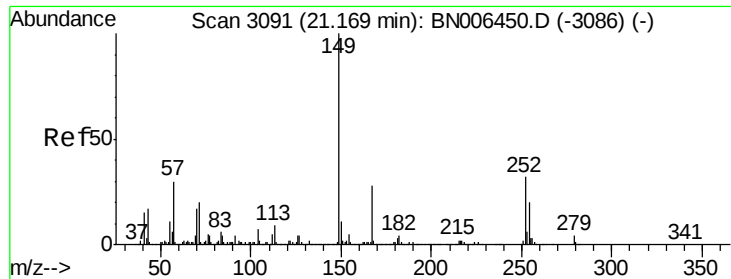
229 20.8 15.6 23.4

226 27.3 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.316 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

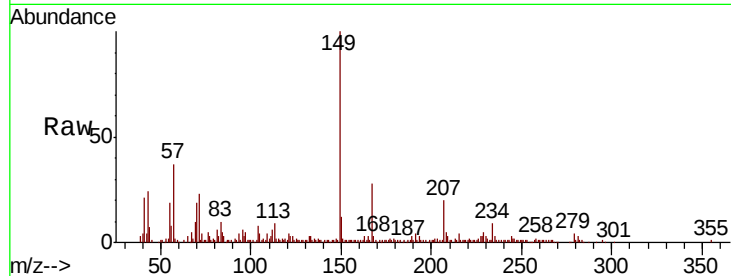
ClientSampleId :

A41T6

Tot Ion:	149	Resp:	92342
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.2	33.4
279	3.9	3.3	4.9

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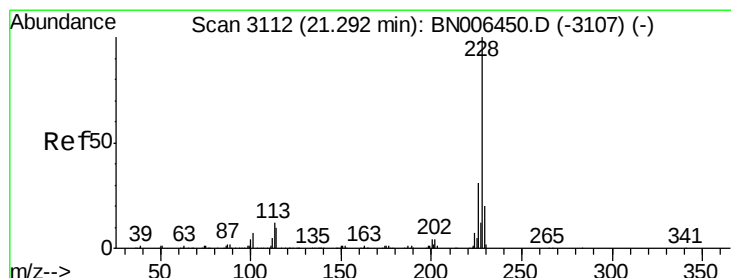
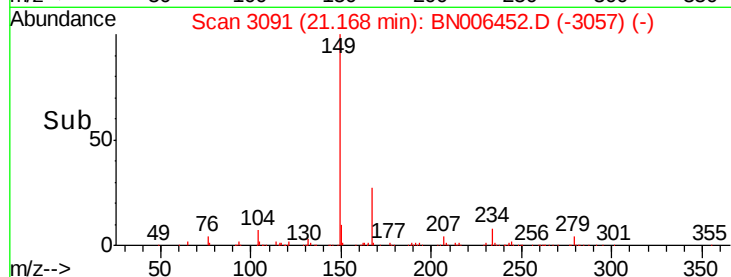
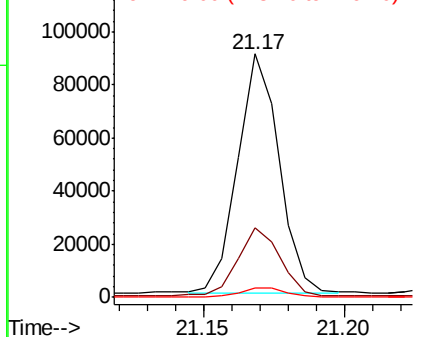


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 14.795 ng/ul

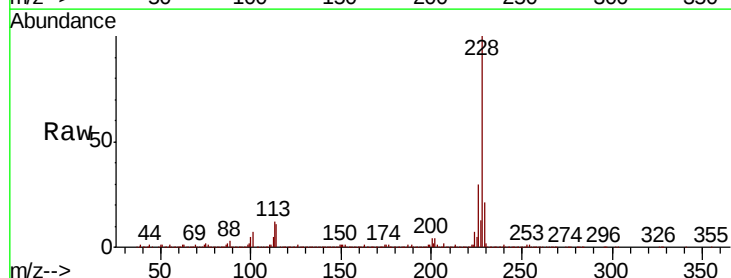
RT: 21.29 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Tgt Ion:	228	Resp:	1542584
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.2
229	21.3	15.9	23.9

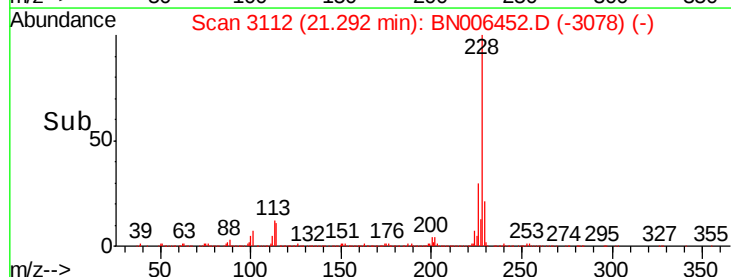
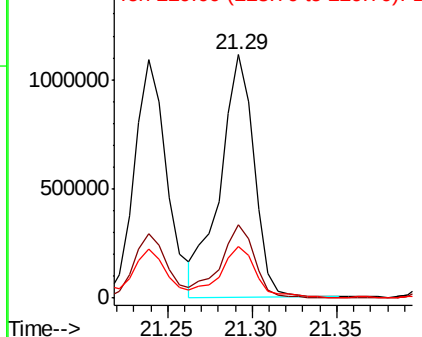


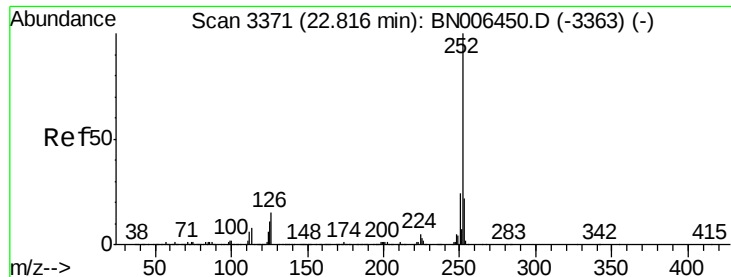
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 17.622 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

ClientSampleId :

A41T6

Tot Ion:252 Resp: 1580221

Ion Ratio Lower Upper

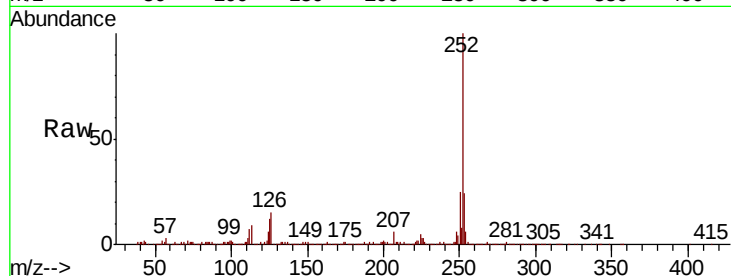
252 100

253 23.5 17.7 26.5

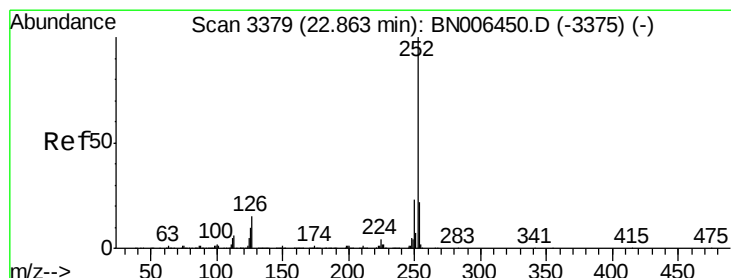
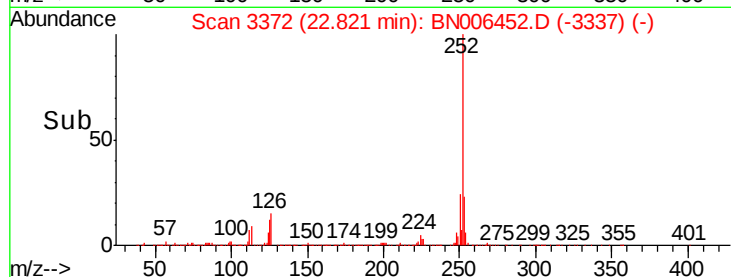
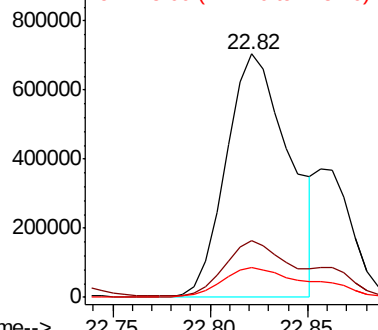
125 12.4 9.0 13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.571 ng/ul m

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

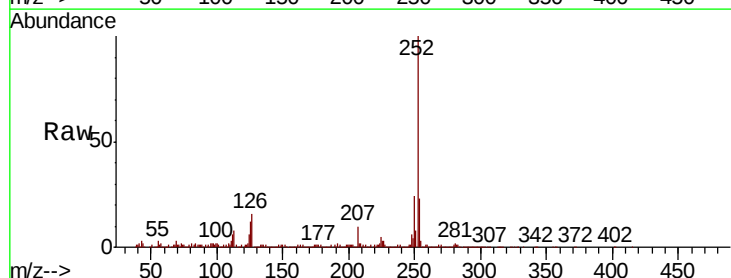
Tgt Ion:252 Resp: 477421

Ion Ratio Lower Upper

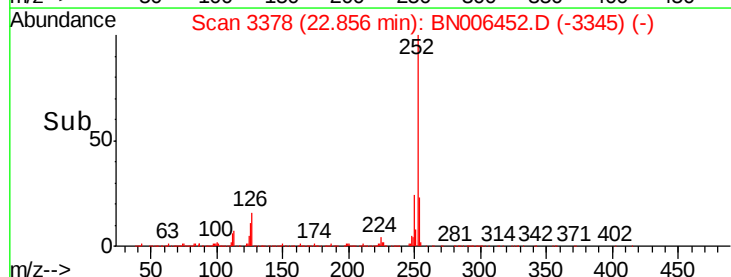
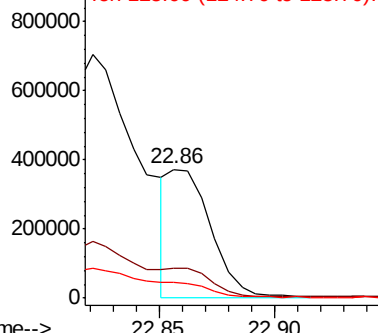
252 100

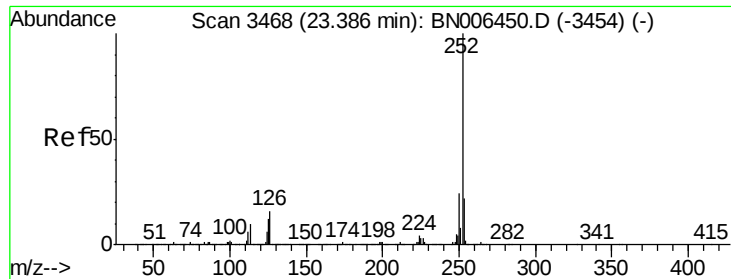
253 23.2 17.4 26.0

125 11.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 10.942 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

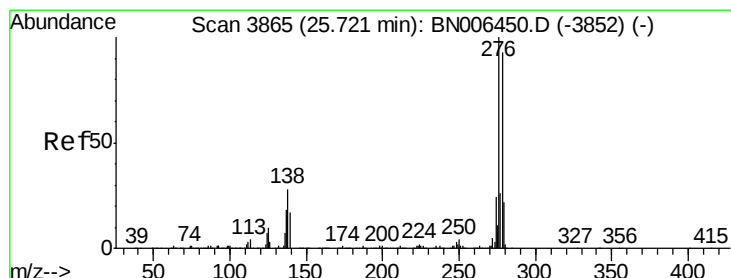
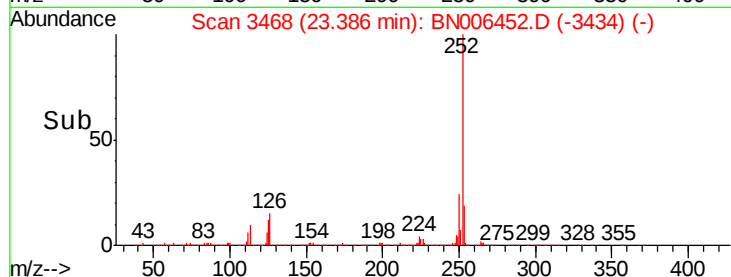
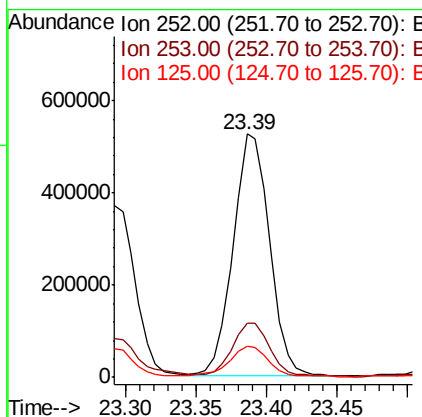
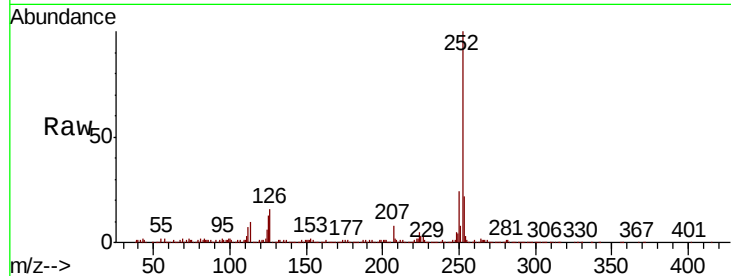
ClientSampleId :

A41T6

Tot Ion:	252	Resp:	940837
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	12.6	10.0	15.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 5.345 ng/ul

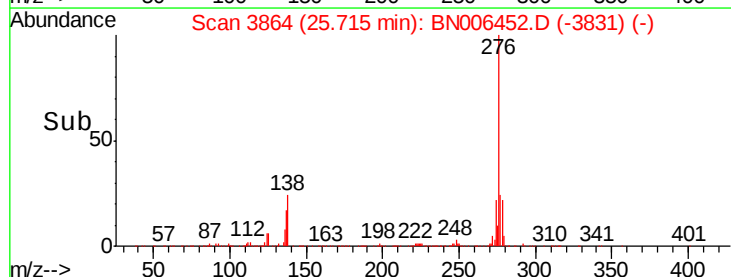
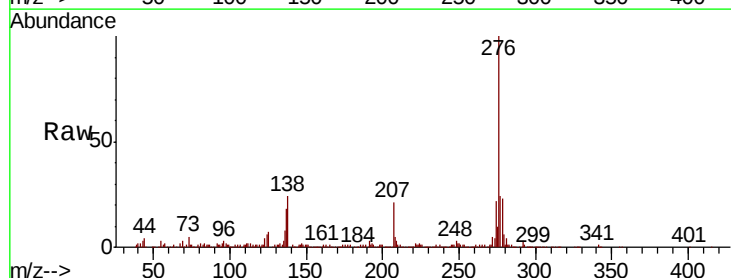
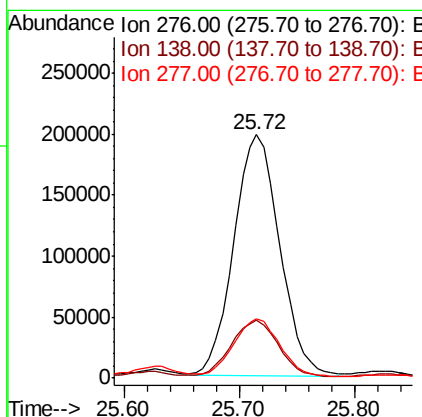
RT: 25.72 min Scan# 3864

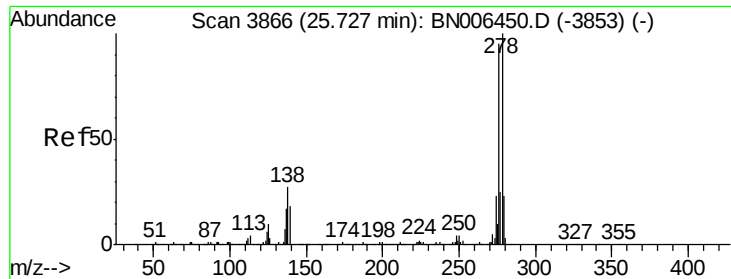
Delta R.T. -0.01 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Tgt Ion:	276	Resp:	543924
Ion Ratio	Lower	Upper	
276	100		
138	23.9	22.2	33.4
277	24.3	20.2	30.4





#92

Dibenzo(a,h)anthracene

Concen: 1.732 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Instrument :

BNA_N

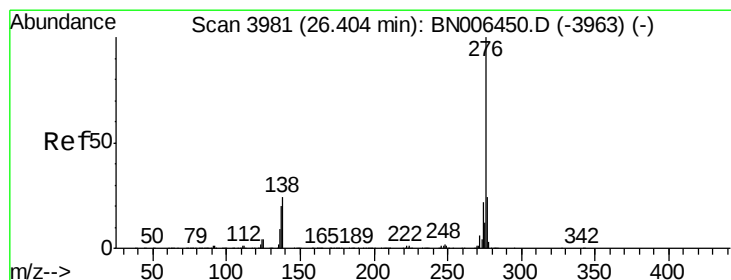
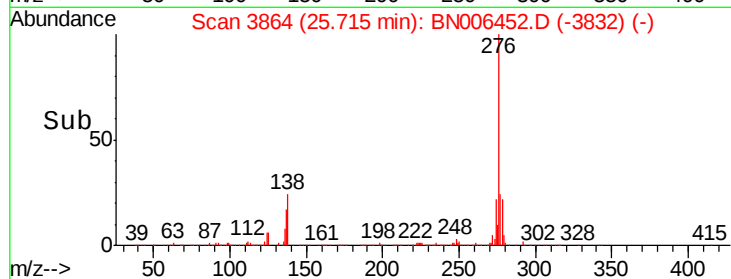
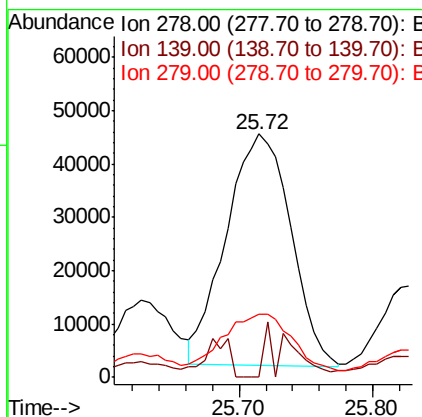
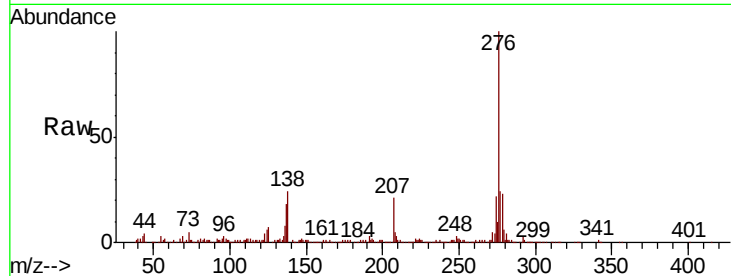
ClientSampleId :

A41T6

Tot Ion:	278	Resp:	145993
Ion Ratio	Lower	Upper	
278	100		
139	0.0	14.2	21.4#
279	25.7	18.8	28.2

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#93

Benzo(g,h,i)perylene

Concen: 5.412 ng/ul

RT: 26.40 min Scan# 3981

Delta R.T. -0.00 min

Lab File: BN006452.D

Acq: 21 Jun 2019 05:46

Tgt Ion:	276	Resp:	463842
Ion Ratio	Lower	Upper	
276	100		
138	22.9	19.1	28.7
277	23.6	19.4	29.0

